

TRON In-Line Fuse Holders

HEB Series Single-Pole Breakaway & Non-Breakaway for 1/2 x 1/8 Fuses



Non-Breakaway Fuse Holders

See page 10 for breakaway holders

Catalog Symbol: HEB

Description:

After resistant single-pole non-breakaway in-line fuse holders for 1/2 x 1/8 midget fuses. Typical fuse types: BAF, DC FN, FN and T.

Ratings:

Volts: 250 or less

Amps: 15 to 30 A

Agency Information:

UL Recognized Under ILLT File E

CSA Certified Class 1000 File

CE

Coupling Nut Torque: 1/2 lb-in

Part Number Explanation

Example: HEB-A

HEB Holder series

A Loadside terminal copper crimp for 1/2 copper wire

Lineside terminal copper setscrew for two 1/8 copper wires

Part Number Selection

From the table on page 10, select the combination of desired loadside and lineside terminals for the application, define terminal type, wire size, number of wires per terminal, and whether the terminal accepts solid and/or stranded conductors. Then in the right-hand two columns, select either the non-breakaway or breakaway holder part number to order.

Available Part Numbers

HEB-AA HEB-AB HEB-AC

HEB-AD HEB-AE HEB-AF HEB-AG HEB-AH HEB-AL HEB-AR

HEB-A HEB-BA HEB-BB HEB-BC HEB-BD

HEB-CC HEB-DD HEB-DE HEB-DF HEB-DL HEB-

HEB-LL HEB-NN HEB-PP HEB-P HEB-RR

HEB-SS HEB-TT HEB-A

Insulating Boots

For insulating boots, see page 10. Insulating boots are not included with non-breakaway holders and must be ordered separately. They come standard with the breakaway holders.

When insulating boots are utilized, extra heat retention requires that fuses are sized at a minimum of 125% of the R_{MS} load current.

Amp rating limited by conductor size

Specification Data - Non-Breakaway & Loadside Breakaway

Conductor Terminals

Terminal Type	Conductor Data				Catalog Symbol Load & Line &
	Size	No. Per Terminal	Solid	Stranded	
Copper Crimp	to				A
					B
					C
					D
					E
	to				

Copper Setscrew

		to			
		to			

Solid Copper Terminal for Aluminum Wire Connector

to	1	—	S
to	1	—	
			N
			P
			R
			T

Aluminum Setscrew

		to		L
		to		

Breakaway Fuse Holders

Catalog Symbol: HEB

Description:

Single-pole breakaway in-line fuse holders for 1/2 x
midget fuses. Typical fuse types: BAF, DC, FN, FN, AND
T.

Ratings:

Volts: 120 or less
Amps: 1/2 to 1 A

Agency Information:

UL Recognized Underwriters Laboratories File E
CSA Certified Class - File
CE

Coupling Nut Torque: 1/2 lb-in

Part Number Explanation

Example: HEB-A -R C

HEB Holder series

A Loadside terminal copper crimp for 1/2 copper wire

R C Lineside terminal copper setscrew for two
copper wires

Part Number Selection

From the table on page 1, select the combination of desired
loadside and lineside terminals for the application. Define terminal
type, wire size, number of wires per terminal, and whether the
terminal accepts solid and/or stranded conductors. Then in the
right-hand two columns, select either the non-breakaway or
breakaway holder part number to order.

Available Part Numbers

Breakaway units:

Includes fuse holder, breakaway part, and insulating
boots:

HEB-A -RLA HEB-A -RLC-A HEB-A -RLC-B
HEB-A -RLC-C HEB-A -RLC- HEB-A -R A
HEB-A -R C HEB-B -RLC-A HEB-B -RLC-B
HEB-B -R C HEB- -RLC- HEB- -R C
HEB- -RLC- HEB- -R C HEB-L -RLA
HEB-L -RLC- HEB-L -R A

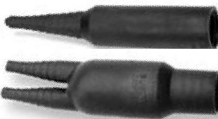
Fuse Holder Only: HEB-A HEB-B HEB-D
HEB- HEB-L

Breakaway Part: RLC-A RLC-B RLC-C RLC-
R C RLA R A

Specification Data - Lineside Breakaway

Breakaway Receptacles					
Terminal Type		Conductor Data			Catalog Symbol
		Si e	No Per Terminal	Solid Stranded	
Copper Crimp			to		-RLC-A
					-RLC-B
					-RLC-C
Copper Setscrew			to		-RLC-
					-R C
Aluminum Setscrew			to		-RLA
					-R A
Solid Breakaway			Required wit Breakaway Receptacle		

Insulating Boots



Part Numbers	Type
A	Single conductor
A	Two conductor

Two insulating boots come standard with the breakaway holders
example: HEB-A -RLC-A. The insulating boots are not
included with the non-breakaway holders example: HEB-AA or
the individual pieces of the breakaway holders example:
HEB-A -RCL-A. Two insulating boots must be ordered for
each holder when ordering them separately. Insulating
boots are utilized extra heat retention requires that fuses are
sited at a minimum of 1/2" of the R/S load current.

Amp rating limited by conductor size

For HEB Holders Only

Directions: To select complete older P/N work from left to right starting with loadside terminal options and then lineside terminal options. Then determine breakaway or non-breakaway style.

Loadside Terminal					Lineside Terminal					Available P/Ns	
Terminal Type	Wire Size	No. of Wires per Terminal	Solid Wire	Stranded Wire	Terminal Type	Wire Size	No. of Wires per Terminal	Solid Wire	Stranded Wire	Non-Breakaway P/N Boots not included	Breakaway P/N Boots included
Copper Crimp	to				Copper Crimp	to				HEB-AA	HEB-A -RLC-A
Copper Crimp	to				Copper Crimp					HEB-AB	HEB-A -RLC-B
Copper Crimp	to				Copper Crimp		N			HEB-AC	HEB-A -RLC-C
Copper Crimp	to				Copper Crimp		N			HEB-AD	N/A
Copper Crimp	to				Copper Crimp		N			HEB-AE	N/A
Copper Crimp	to				Copper Setscrew	to				HEB-A	HEB-A -RLC-
Copper Crimp	to				Copper Setscrew	to				HEB-A	HEB-A -R/C
Copper Crimp	to				Aluminum Setscrew	to				HEB-AL	HEB-A -RLA
Copper Crimp	to				Aluminum Setscrew	to				HEB-A	HEB-A -R/A
Copper Crimp	to				Aluminum Crimp		N			HEB-AR	N/A
Copper Crimp					Copper Crimp	to				HEB-BA	HEB-B -RLC-A
Copper Crimp					Copper Crimp					HEB-BB	HEB-B -RLC-B
Copper Crimp					Copper Crimp		N			HEB-BC	N/A
Copper Crimp					Copper Crimp		N			HEB-BD	N/A
Copper Crimp		N			Copper Crimp		N			HEB-CC	N/A
Copper Crimp		N			Copper Crimp		N			HEB-DD	N/A
Copper Crimp					Copper Crimp	to				HEB- A	N/A
Copper Setscrew	to				Copper Setscrew	to				HEB-	HEB- -RLC-
Copper Setscrew	to				Copper Setscrew	to				HEB-	HEB- -R/C
Copper Setscrew	to				Aluminum Setscrew	to				HEB- L	N/A
Copper Setscrew	to				Aluminum Setscrew	to				HEB-	N/A
Aluminum Setscrew	to				Aluminum Setscrew	to				HEB-LL	HEB-L -RLA
Aluminum Crimp			N		Aluminum Crimp		N			HEB-NN	N/A
Aluminum Crimp			N	N	Aluminum Crimp		N		N	HEB-PP	N/A
Aluminum Crimp			N	N	Aluminum Crimp		N		N	HEB-	N/A
Aluminum Crimp			N	N	Aluminum Crimp		N		N	HEB-RR	N/A
Aluminum Crimp			N		Aluminum Crimp		N			HEB-TT	N/A
Solid Terminal for aluminum connector	to			N	Solid Terminal for aluminum connector	to			N	HEB-SS	N/A
	to		N			to		N			

UL Recognized Guide I LT File E
CSA Certified Class - File
CE
HEB-A -RLC-C is for stranded wire only

Contact your local Cooper Bussmann representative for other possible terminations not listed

This is the only controlled copy of this Data Sheet. It is the electronic read-only version located on the Cooper Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Cooper Bussmann reserves the right without notice to change design or construction of any products and to discontinue or limit distribution of any products. Cooper Bussmann also reserves the right to change or update without notice any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Cooper Bussmann
St. Louis, MO
www.cooperbussmann.com